

# DIODE DYNAMICS

## PERFORMANCE LIGHTING TECHNOLOGY

### 10-13 Chevrolet Camaro RS / 12-15 Camaro ZL1 RGBW™ LED Board Installation Guide

Thank you for your purchase of this unique product for your Chevrolet Camaro! With these modules, you will be able to control the color of your factory-installed LED "halos" inside the headlight. They are a direct replacement for the factory LED panels which illuminate these rings.



**3 YEAR  
WARRANTY**



**Please note:** Headlights must be opened before proceeding with installation. This process can be completed by heating and prying the lens from the housing. We recommend viewing example videos online to understand the process however, professional installation is strongly recommended. Please contact Diode Dynamics if you need assistance locating an installer.

**Tools Needed:** Torx T-10 Ratchet or Screwdriver



1. To begin, remove the lens from the headlamp. Disconnect the factory LED board by depressing on the white clip and pulling straight back. Set the back of the headlamp assembly aside.



2. Looking at the lens assembly, remove the four screws holding the heat sink to the black inner shroud.



3. Next, remove the heatsink from the assembly by pulling up on the inner shroud and then pulling straight up on the heatsink to release it. Set the heatsink aside.



4. Remove the factory LED board and replace it with your new Diode Dynamics LED board using the same alignment pins. Be sure the LED chips are facing down.

5. Then reinstall the heatsink using the same alignment holes and replace the four original screws.

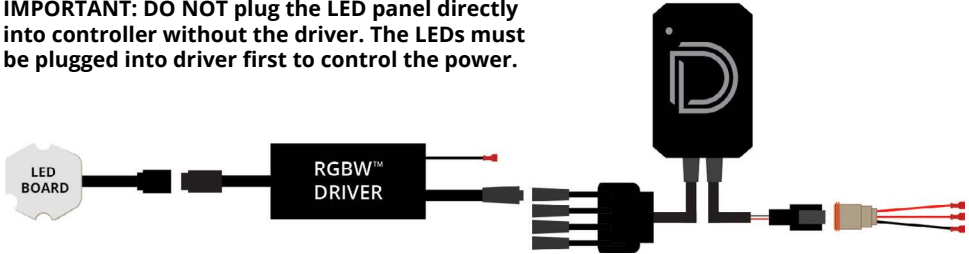
6. Run the wires through the dust cap in the headlamp, sealing any holes you may create. Once complete, replace the headlamp lens and repeat for other headlamp.

*See back for further instructions.*



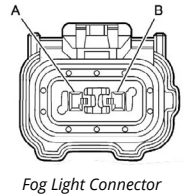
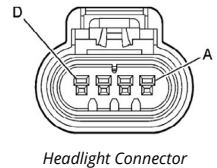
7. Connect the LED board to the RGBW driver. Then connect the driver to a Diode Dynamics LED controller (sold separately). See diagram below.

**IMPORTANT: DO NOT plug the LED panel directly into controller without the driver. The LEDs must be plugged into driver first to control the power.**



8. Connect your controller to 12V power and ground. This will dictate when the panels turn on. The most popular wiring choice is listed in the table below.

DD WIRE	FUNCTION	PIN	HARNESS LOCATION	DRIVER WIRE
RED	FOG/DRL	PIN B	FOG LAMP	BLUE
RED	PARKING	PIN D	HEADLIGHT	PURPLE
BLACK x2	GROUND	PIN A	HEADLIGHT	BLACK



9. Mount drivers and controller, and tuck all wires. **Drivers should be mounted outside of headlight for serviceability, in a location away from the engine block to avoid excessive heat buildup.**

10. Test thoroughly, reseal headlight, and reinstall onto vehicle.

Please contact **Diode Dynamics** should you have any questions about the installation or wiring process, at **314-205-3033** (10a-5p CST) or **contact@diodedynamics.com**.

**NEED MORE HELP?**

Scan the QR code to link to our installation video online!

We've taken the time to test our products on your vehicle. We can guarantee compatibility and fitment the first time - no guessing game! If you need more help with installation, watch our step-by-step video to walk you through the process.



This installation guide is for the following SKU: **DD2215** RGBW LED Boards for 10-13 RS/12-15 ZL1 Camaro